

METHOD FOR SEPARATING AND PURIFYING IODO-2-METHYLBENZOIC ACID**Publication number:** JP2003089673**Publication date:** 2003-03-28**Inventor:** AIZAWA AKIRA; NAKAMURA HIDEFUMI**Applicant:** ISE CHEMICALS CORP**Classification:****- International:** C07C51/43; C07C63/70; C07C51/42; C07C63/00;
(IPC1-7): C07C51/43; C07C63/70**- European:****Application number:** JP20010282541 20010918**Priority number(s):** JP20010282541 20010918**Report a data error here****Abstract of JP2003089673**

PROBLEM TO BE SOLVED: To provide a method for separating and purifying an isomer mixture of iodo-2-methylbenzoic acid. **SOLUTION:** This method changes the iodo-2-methylbenzoic acid mixture comprising 3-I-2-methylbenzoic acid and 5-I-2-methylbenzoic acid to corresponding metal salts of the iodo-2-methylbenzoic acid mixture, adjusts the pH of the aqueous solution of the metal salts of the iodo-2-methylbenzoic acid mixture to 5.0 ± 0.5 at normal temperature and separate precipitating crystals as 5-I-2-methylbenzoic acid as a principal compound by filtration, and separates the 3-I-2-methylbenzoic acid as a principal compound by adjusting the pH of the filtrate to 3.0-2.0 by addition of an acid.

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